

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2000236343 A

(43) Date of publication of application: 29.08.00

(51) Int. Cl

H04L 12/28

H04Q 7/36

(21) Application number: 11178737

(22) Date of filing: 24.06.99

(30) Priority: 15.12.98 JP 10358409

(71) Applicant: MATSUSHITA ELECTRIC IND CO LTD

(72) Inventor: ISHI TAKAMASU
KATO OSAMU
UESUGI MITSURU

(54) DEVICE AND METHOD FOR RADIO
COMMUNICATION

COPYRIGHT: (C)2000,JPO

(57) Abstract

PROBLEM TO BE SOLVED: To cope with asymmetric traffic and the QoS of a user with fidelity and to improve a frame utilization rate and system capacity.

SOLUTION: An outgoing transmission condition buffer 601 stores information concerning the outgoing transmission waiting cell of each communicating party. An incoming transmission condition buffer 603 stores information concerning the incoming transmission waiting cell of each communicating party. On the basis of information stored in the incoming transmission condition buffer 603 and information stored in the outgoing transmission condition buffer 601, a channel allocating part 602 equally allocates a unit sub-slot to each of the transmission waiting cell.

